

**Faculty of Commerce**

**B.Com. II-Year, CBCS - III Semester Regular Examinations, Dec/Jan 2019-20**

(For B.Com Computers and Computer Applications)

**PAPER: PROGRAMMING WITH C**

Time: 3 Hours

Max Marks: 50

**Section-A**

I. Answer any **FIVE** of the following questions (5x4=20 Marks)

1. C-Tokens
2. Write a C Program to find the largest of 3 numbers.
3. Explain declaration and Initialization of Dynamic Array.
4. Explain usage of functions present in "math.h" header file.
5. Explain Enumerated Data Types.
6. Discuss about preprocessor directives.
7. Write about Recursion.
8. Write about Union.

**Section-B**

II. Answer the following questions (5x6=30 Marks)

9. (a) Explain the basic structure of C Program and write the sequence of steps from creation to execution.  
(OR)  
(b) What is Variable? Explain various Data Types used for Variable declarations.
10. (a) Explain, How operator precedence and associativity is used in Arithmetic Expression Evaluation?  
(OR)  
(b) Explain about loops with suitable examples.
11. (a) Explain the array concept with following input to read and print.  

A	B	C
D	E	F
G	H	I

  
(OR)  
(b) Explain String? Write a C Program to read and print names of 20 students. Each name should come in a next line with serial number.
12. (a) Explain Function by Calculating sum of salaries of 10 employees using function.  
(OR)  
(b) Explain types of functions with their return values and parameters.
13. (a) How Structure is different from an Array? Write the code to read and print the following information using structure:  

S.No	Account No	Bank	Balance
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(OR)  
(b) What is pointer? Explain in detail.

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